

Table 1. *Continued*

| Variable | Mean | SD | Min | Max |
|-------------------------|------|------|-----|-----|
| Age | 34.5 | 10.5 | 18 | 65 |
| Gender | 0.5 | 0.5 | 0 | 1 |
| Marital status | 0.5 | 0.5 | 0 | 1 |
| Education | 12.5 | 1.5 | 9 | 16 |
| Income | 1.5 | 0.5 | 1 | 2 |
| Health status | 0.5 | 0.5 | 0 | 1 |
| Smoking status | 0.5 | 0.5 | 0 | 1 |
| Alcohol consumption | 0.5 | 0.5 | 0 | 1 |
| Exercise frequency | 0.5 | 0.5 | 0 | 1 |
| Stress level | 0.5 | 0.5 | 0 | 1 |
| Depression score | 0.5 | 0.5 | 0 | 1 |
| Life satisfaction | 0.5 | 0.5 | 0 | 1 |
| Work satisfaction | 0.5 | 0.5 | 0 | 1 |
| Family satisfaction | 0.5 | 0.5 | 0 | 1 |
| Healthcare satisfaction | 0.5 | 0.5 | 0 | 1 |
| Overall quality of life | 0.5 | 0.5 | 0 | 1 |

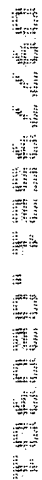


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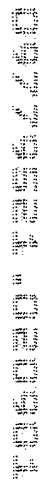


FIG. 3

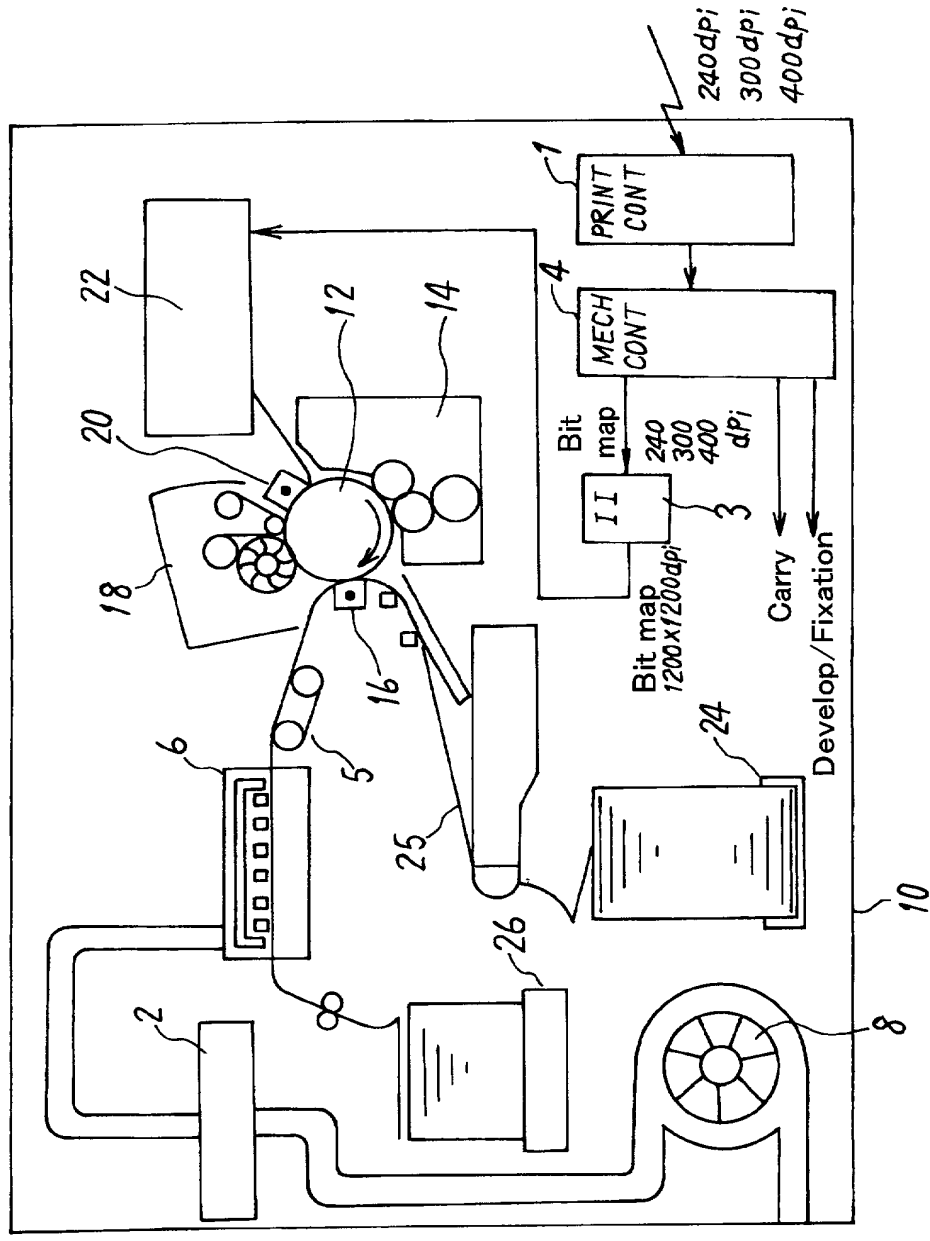


FIG. 4

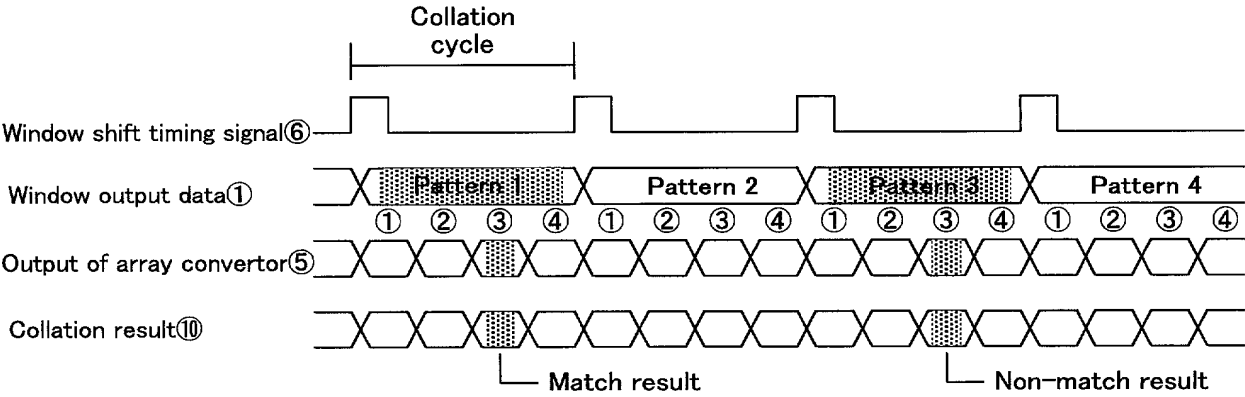


FIG. 5

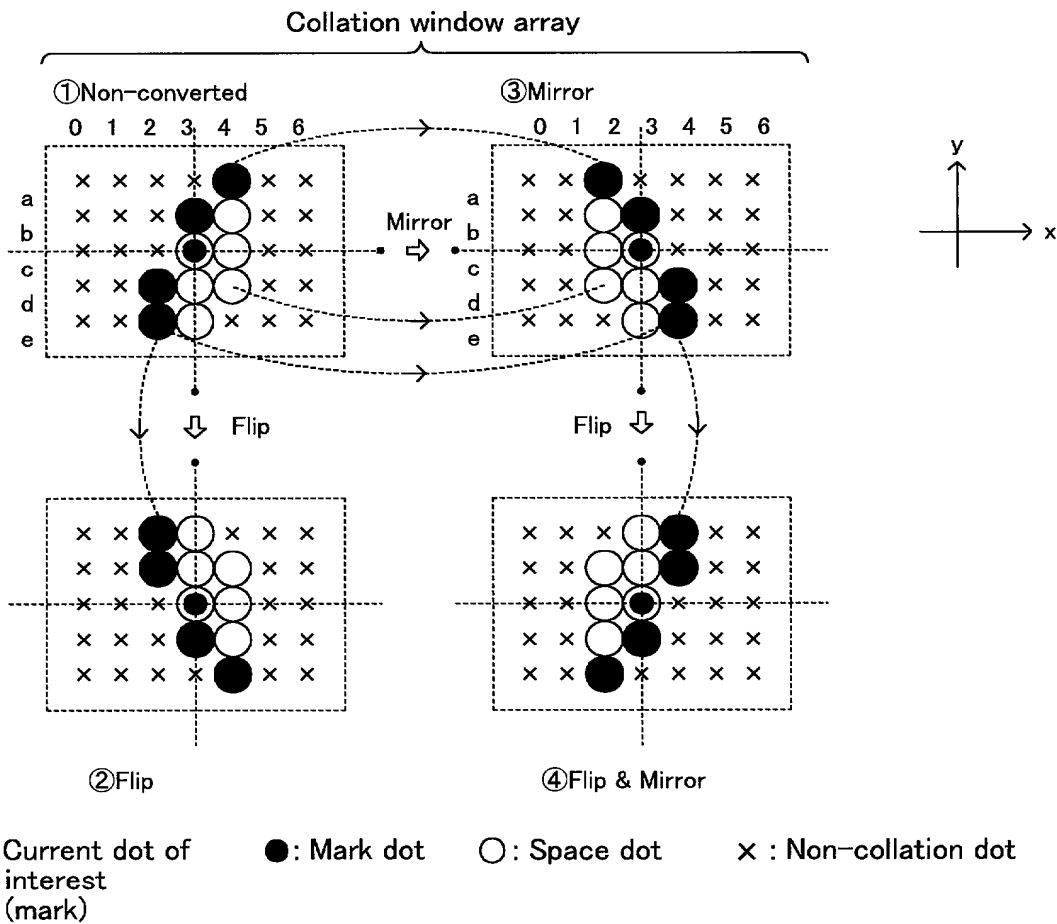


FIG. 6(A)

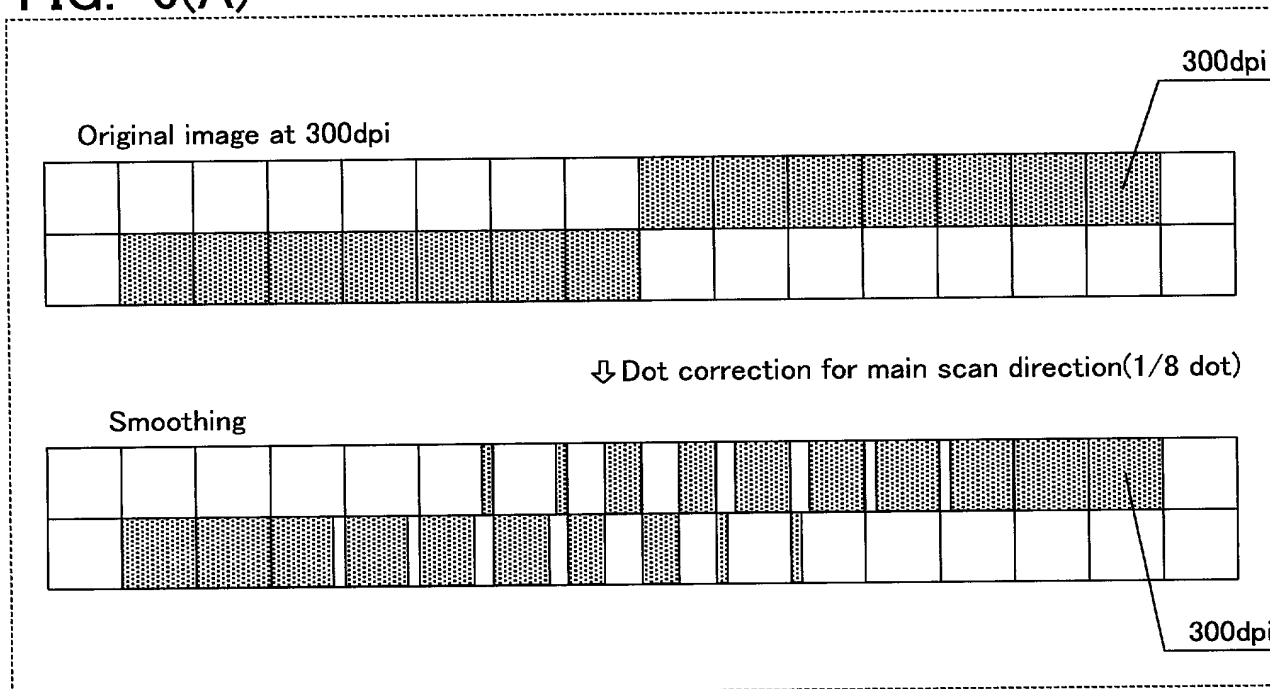


FIG. 6(B)

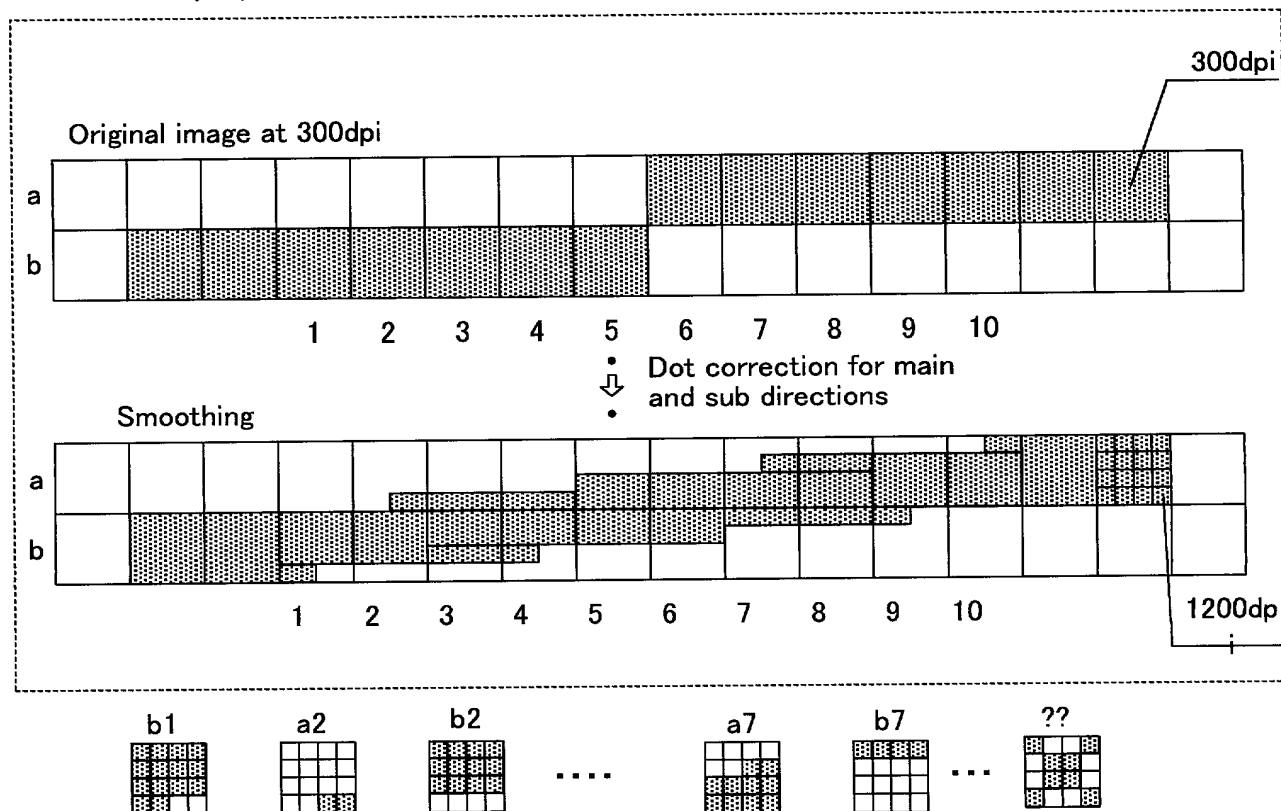


FIG. 7

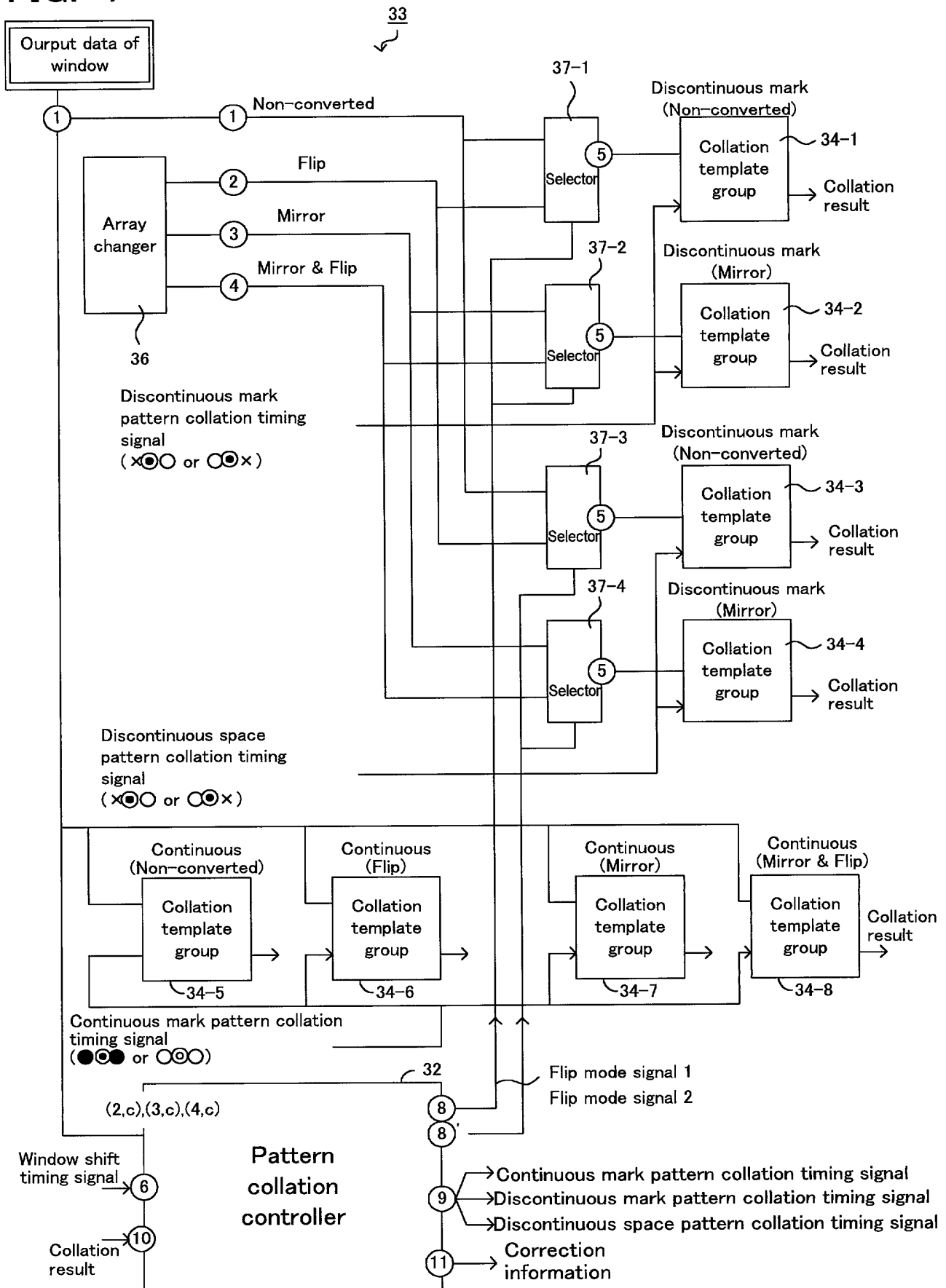


FIG. 8

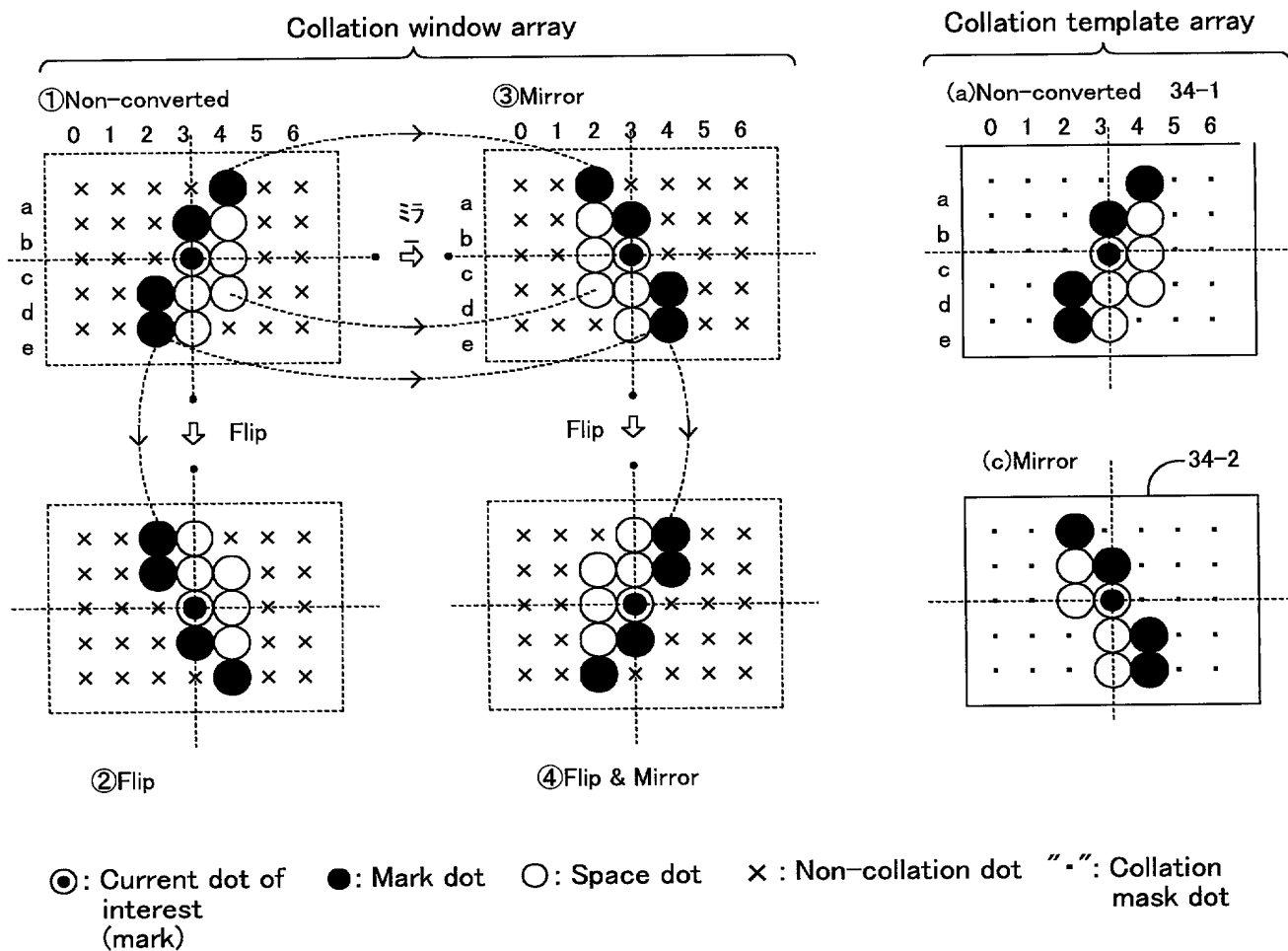


FIG. 9

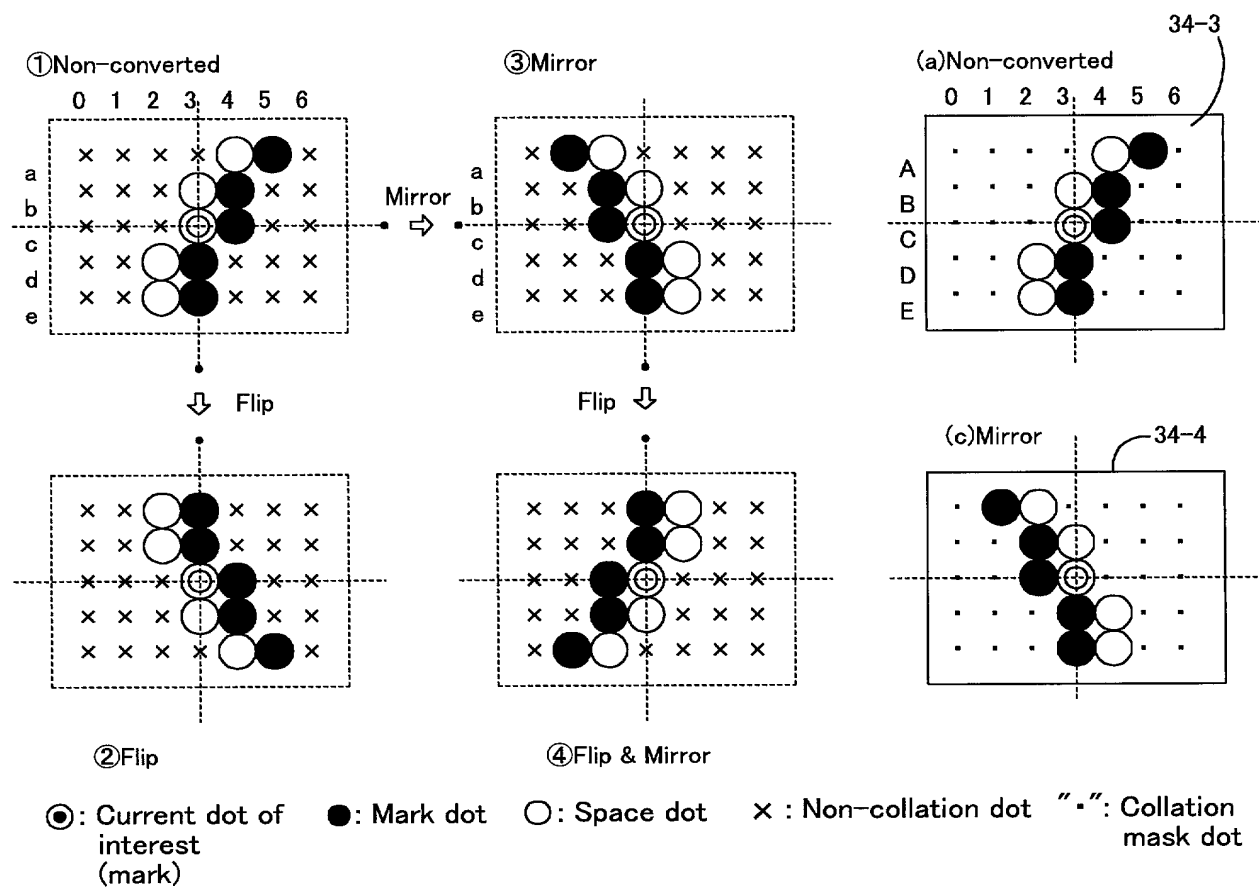


FIG. 10

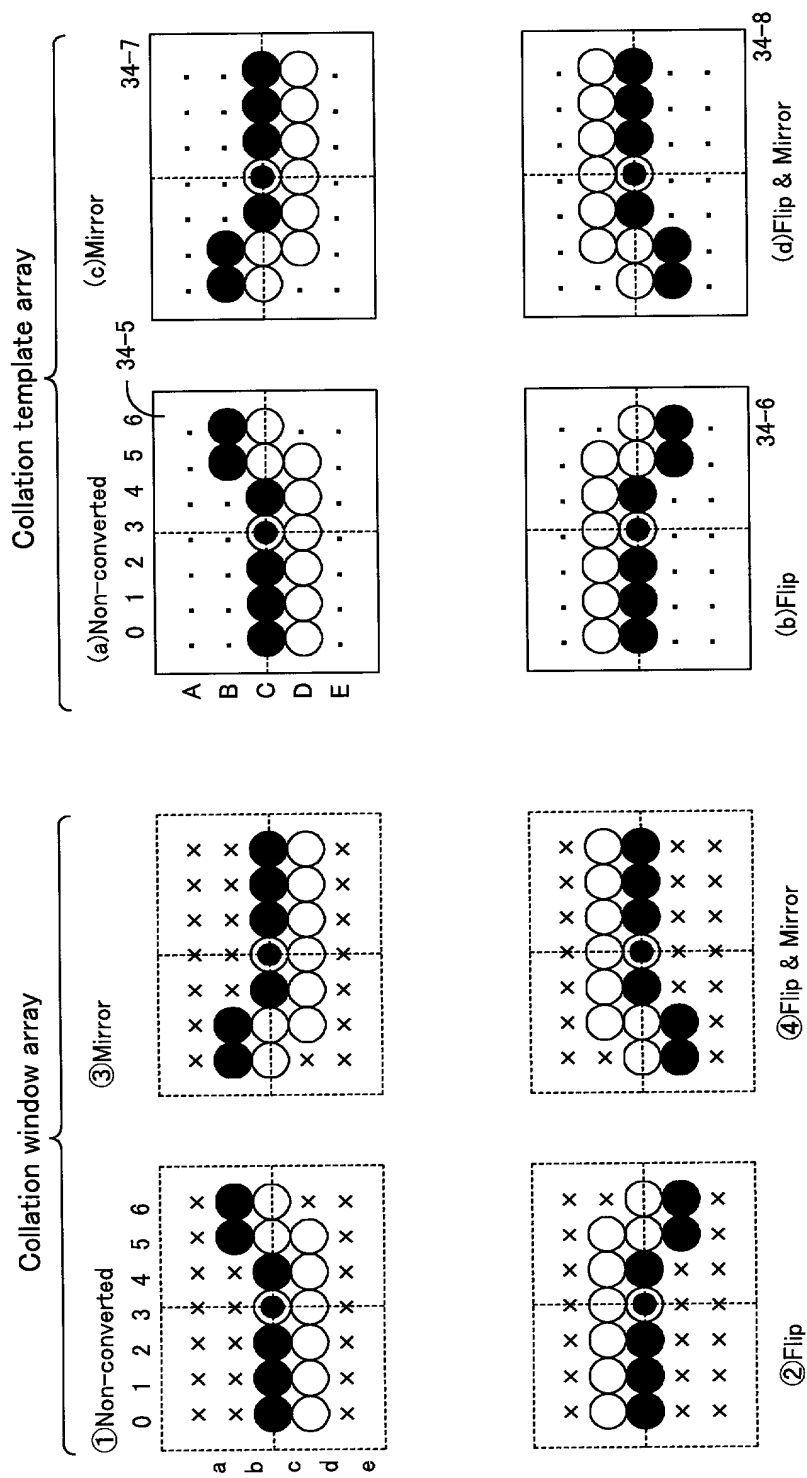


FIG. 11

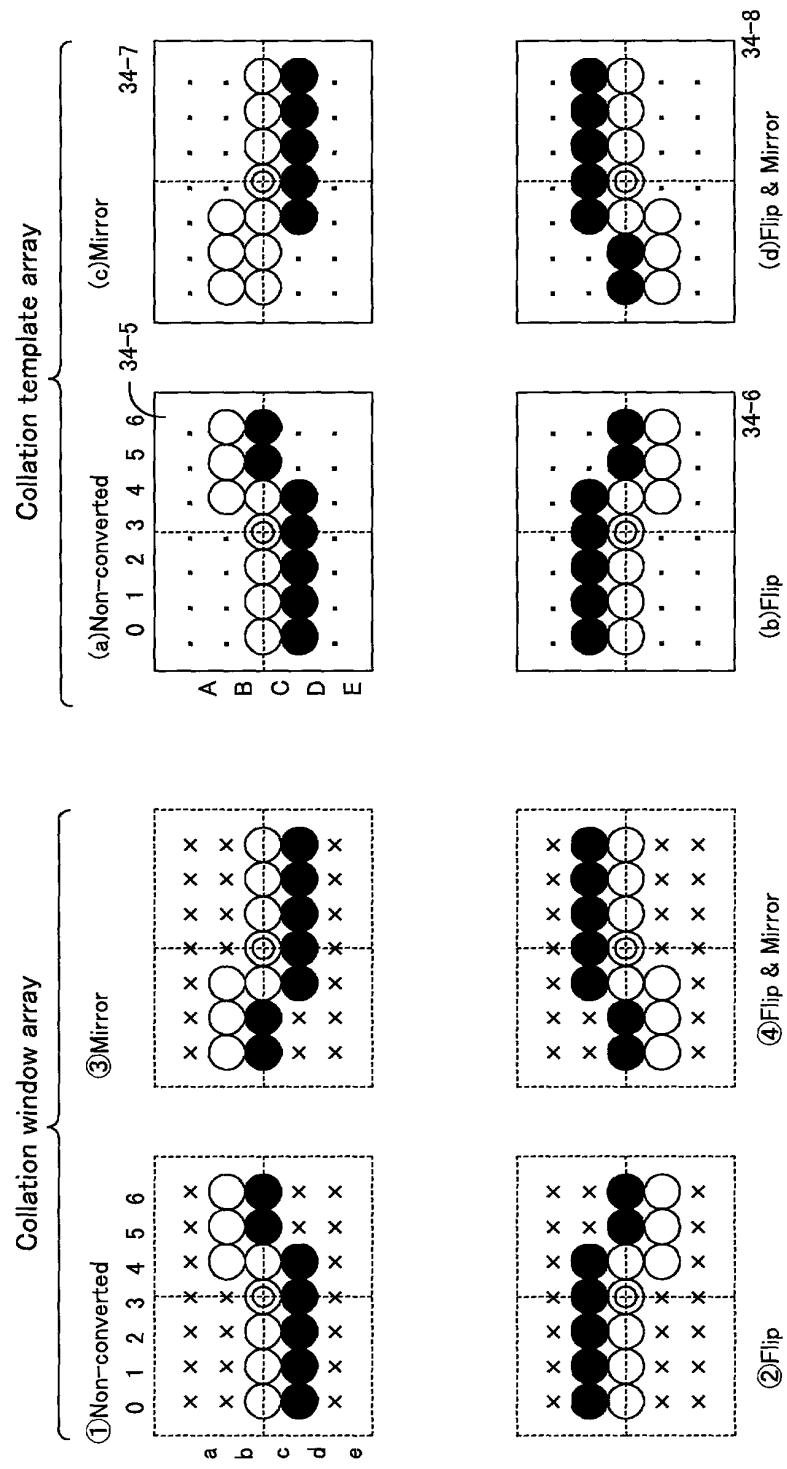


FIG. 12

Window shift timing output⑥

Window output data①

Left dot(2,C)

Current dot of interest(3,C)

Right dot(4,C)

Collation timing signal

Continuous pattern

Discontinuous mark pattern

Discontinuous space pattern

Flip mode signal 1⑧

Flip mode signal 1⑧'

Template collation process

Continuous pattern(Non-converted)

(Mirror)

(Flip)

(Mirror & Flip)

Discontinuous mark pattern
(Non-converted)

(Mirror)

Discontinuous mark pattern
(Non-converted)

(Mirror)

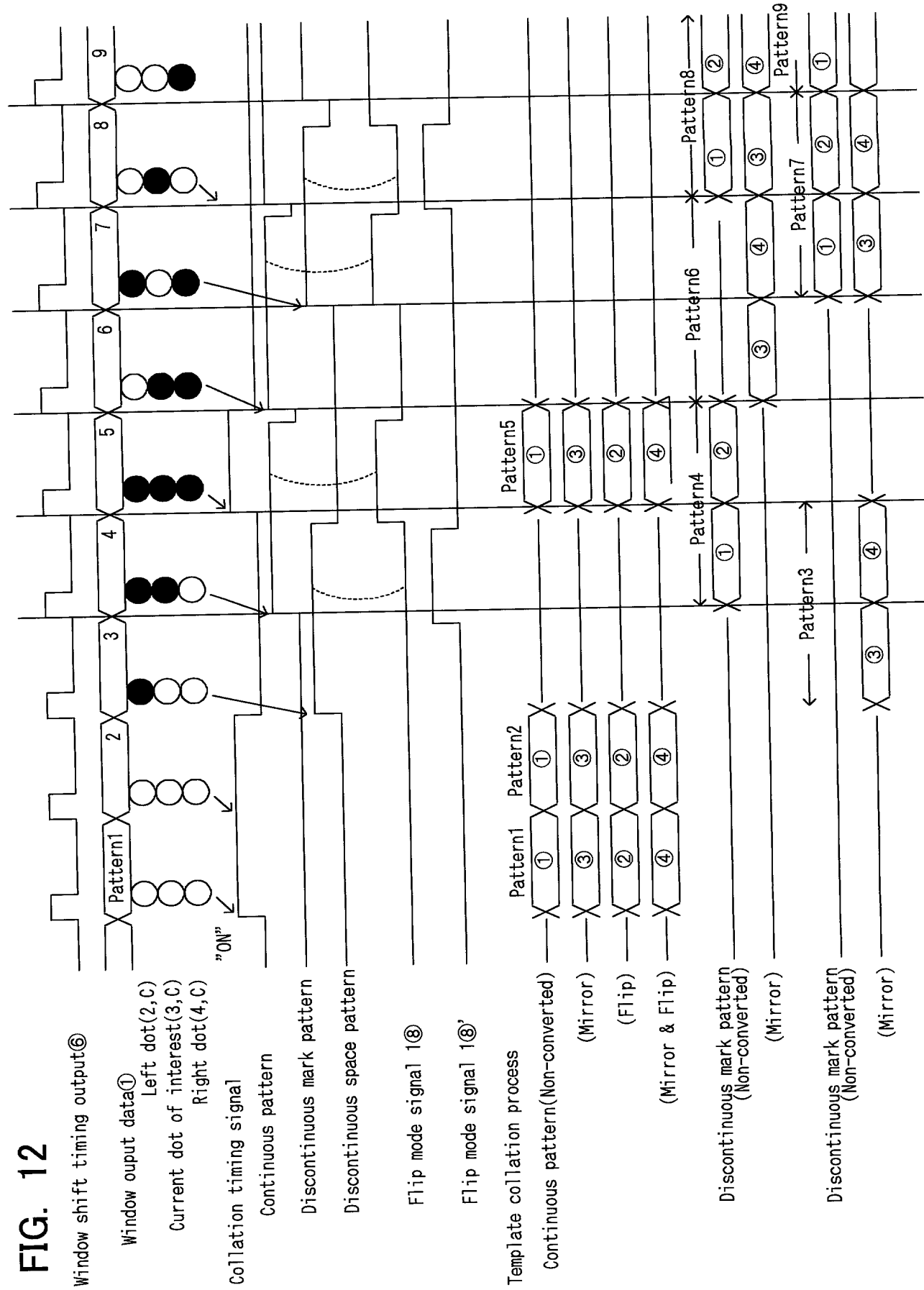


FIG. 13

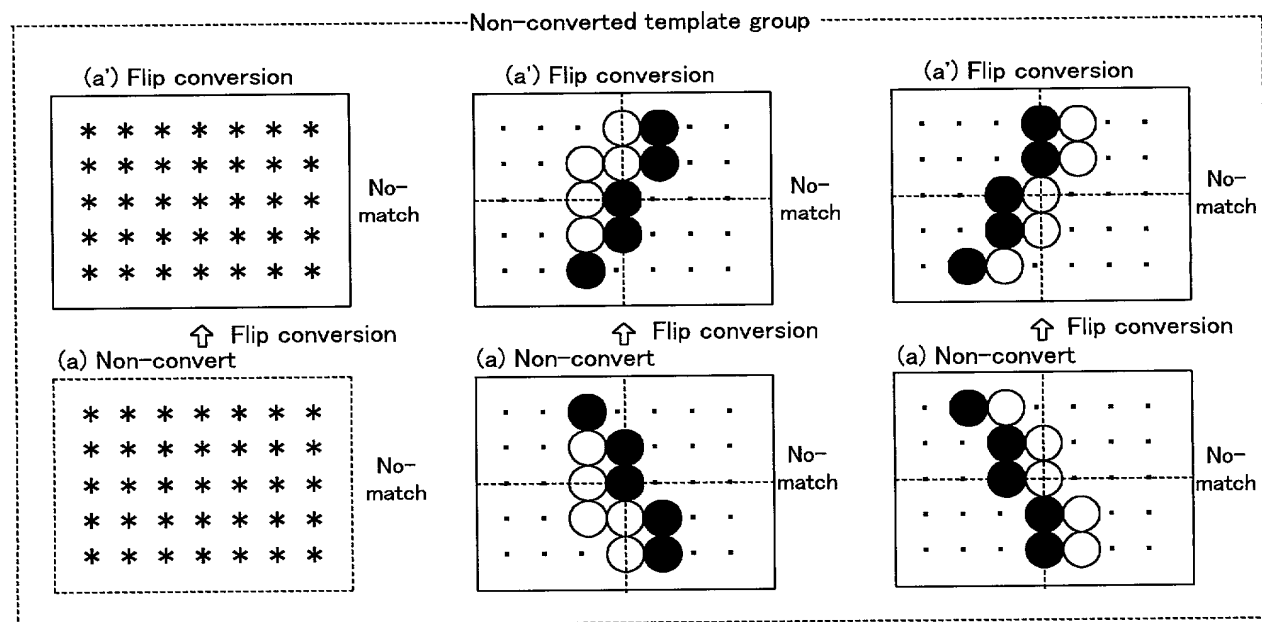
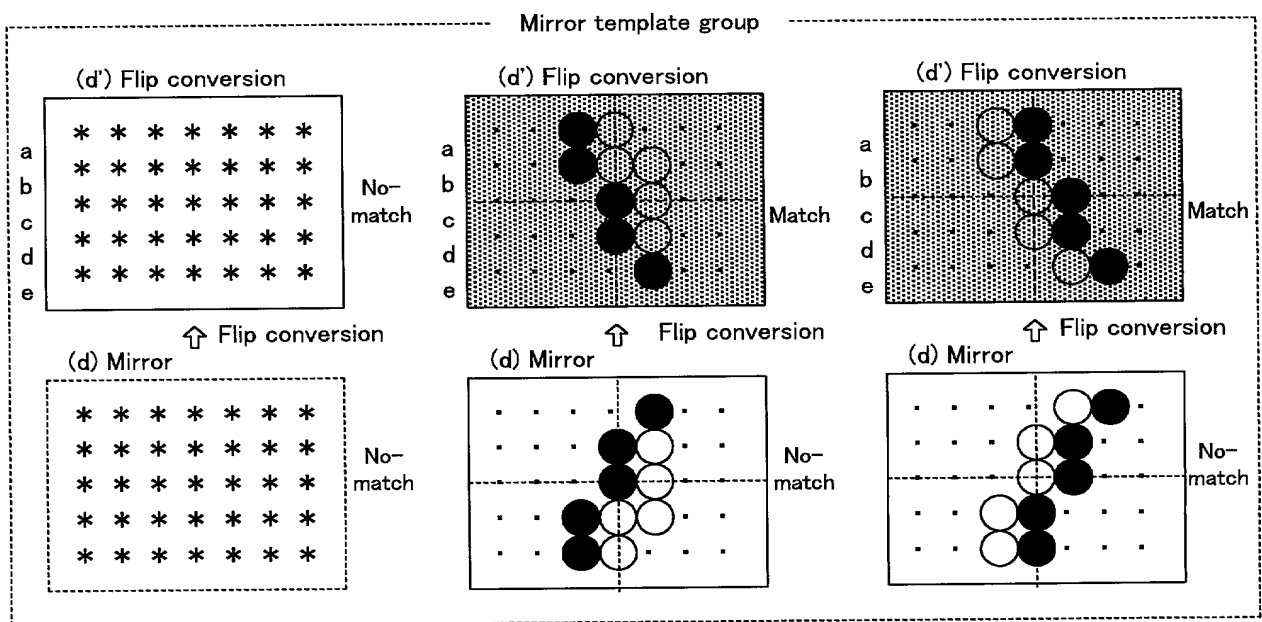
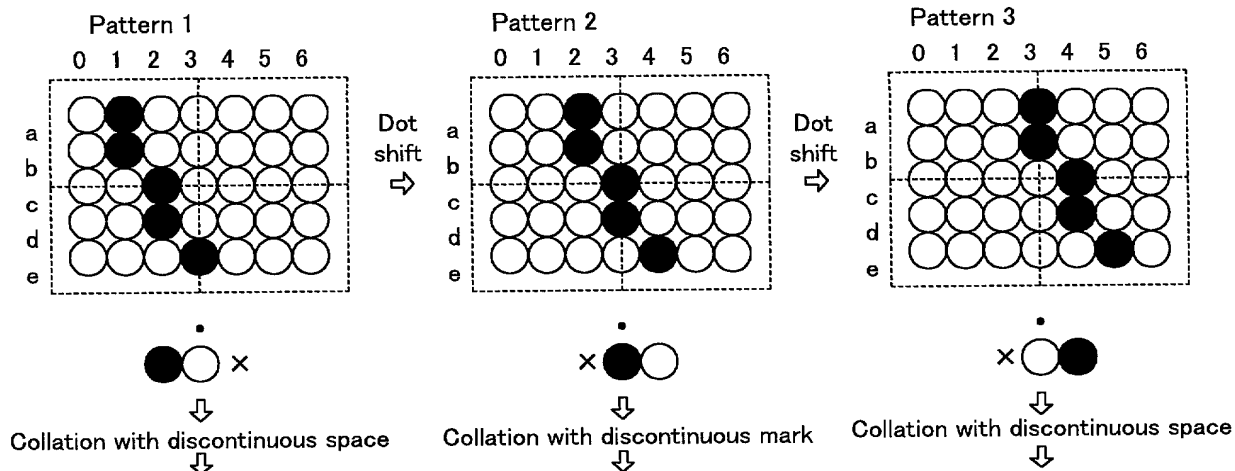


FIG. 14

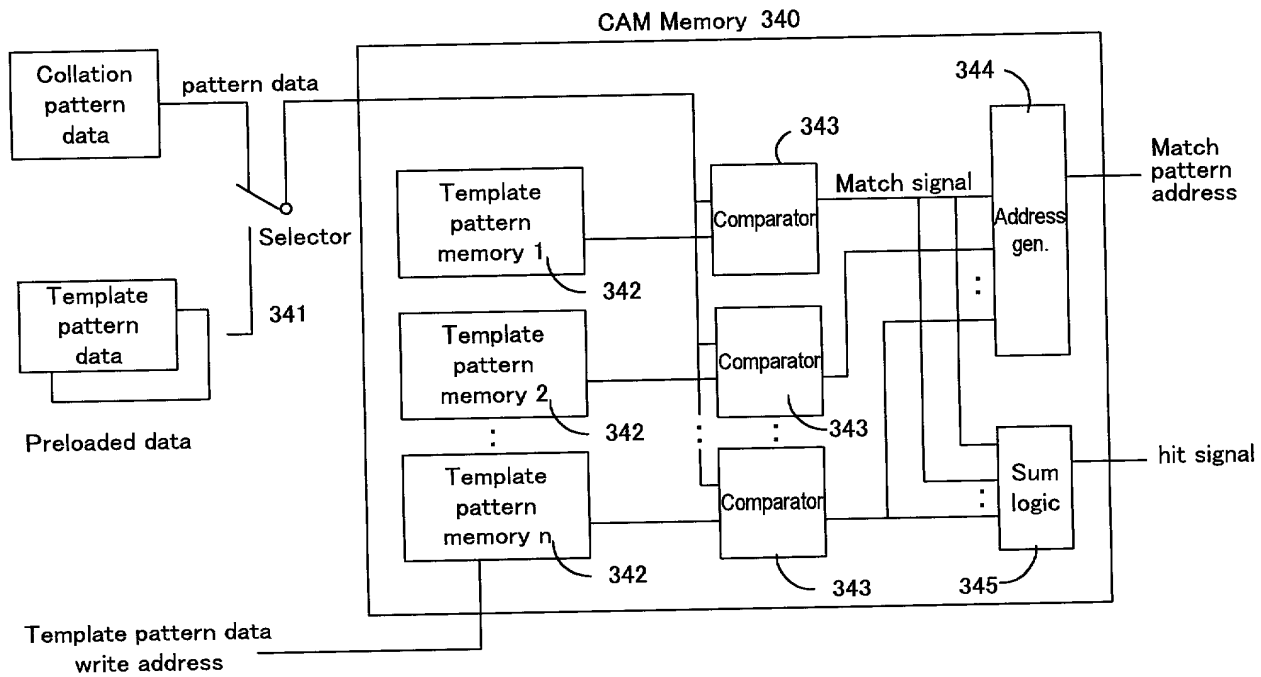


FIG. 15

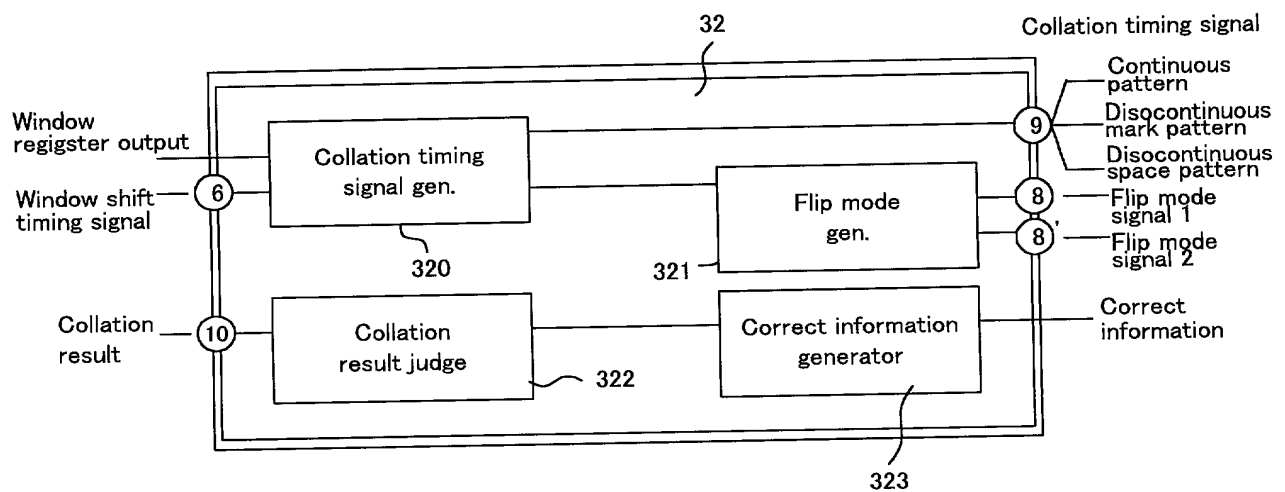


FIG. 16

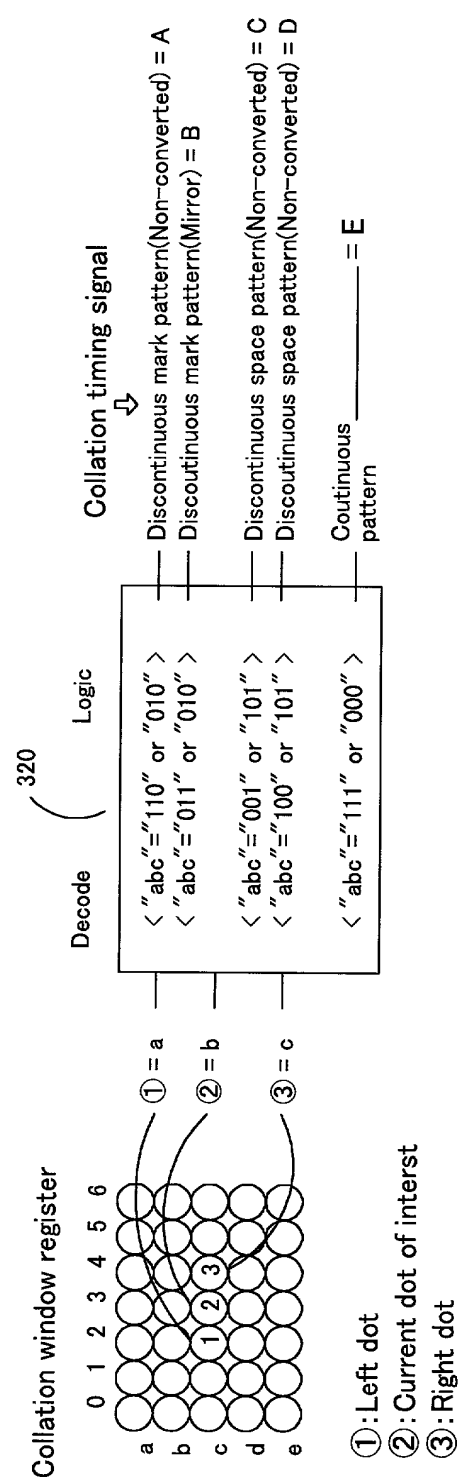


FIG. 17

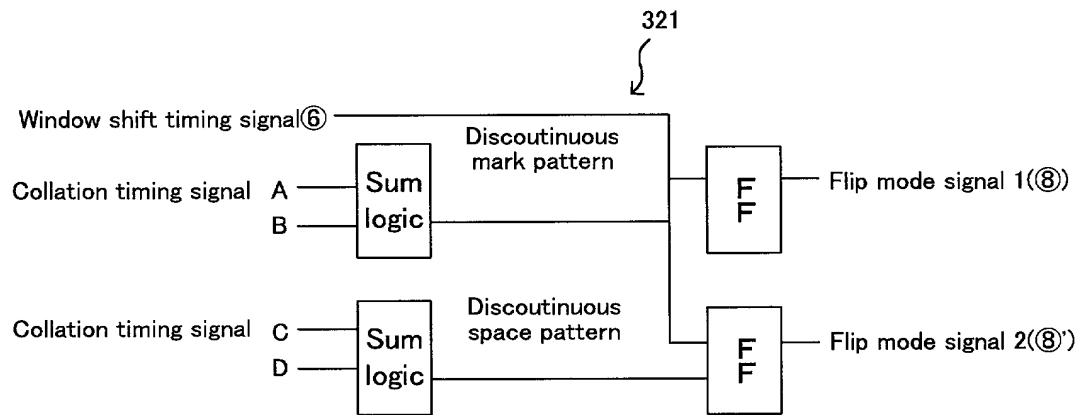


FIG. 18

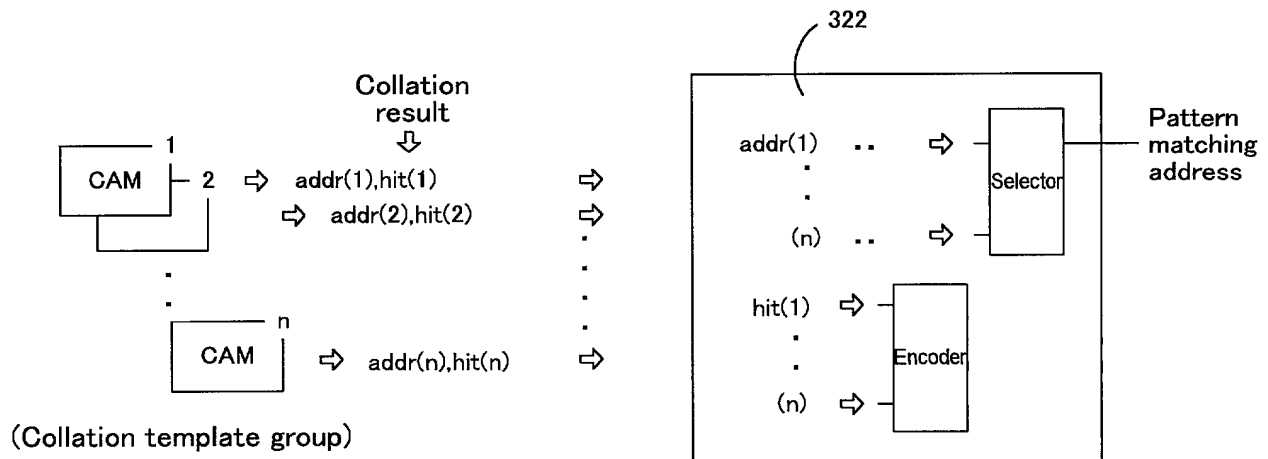


FIG. 19

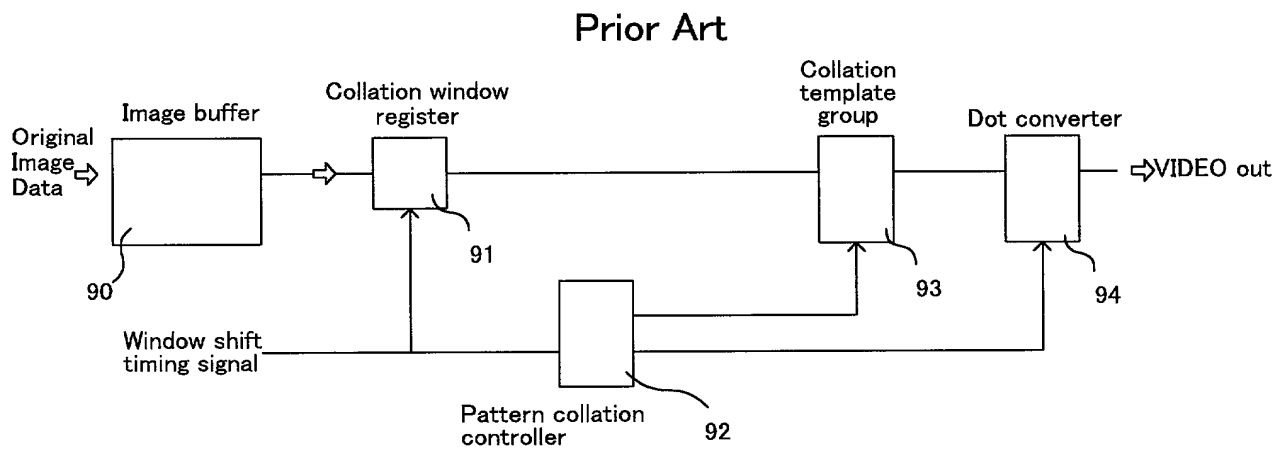


FIG. 20

